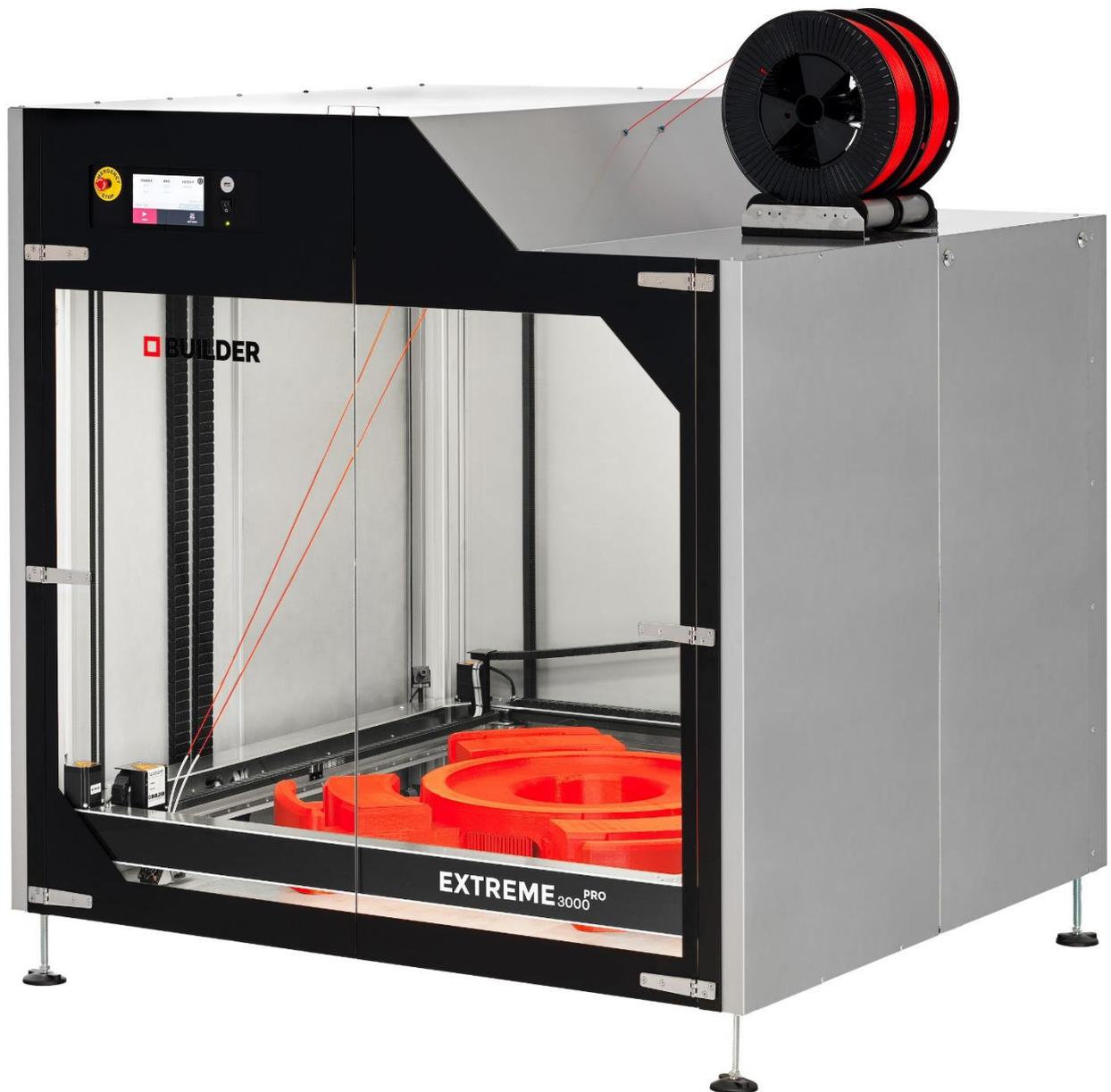


BUILDER

INDUSTRIAL 3D PRINTERS



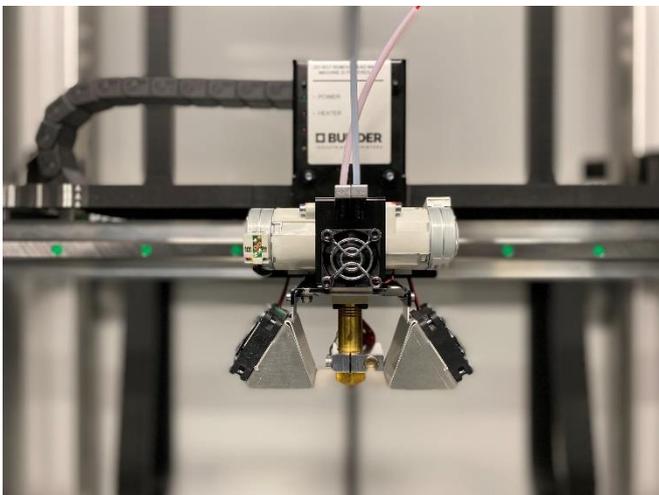
3D print life size functional and complex industrial grade parts on the Extreme 3000 PRO

Massive build volume

The large build volume of 1100x1100x820 mm XYZ, makes the Extreme 3000 PRO one of the biggest large format 3D printer solutions available today. With this large build volume, engineers are now able to 3D print full size objects within days. It is the perfect machine for the automotive, aerospace and architectural sectors.



[Click to see the product video](#)



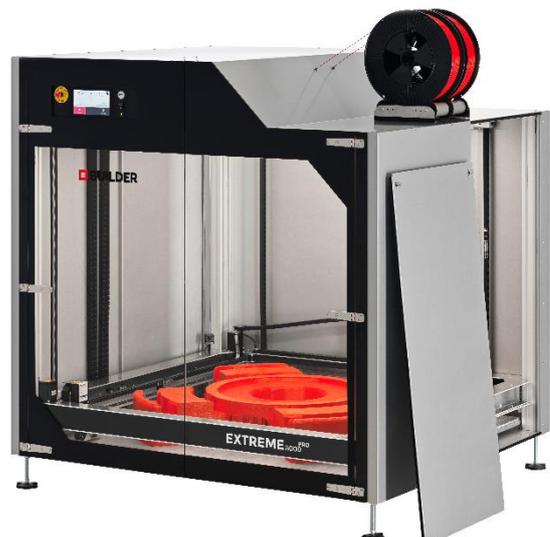
Versatile Dual-Feed extruder

The Dual-Feed extruder was developed in-house and has only one nozzle. The machine allows printing dual-material objects, such as PLA with PVA, as well as extremely large single material prints. The extruder comes with a set of easy to swap nozzles of three different diameters, which helps optimise between print time and quality.

- 0.4 mm nozzle (up to 0.3 mm layer height)
- 0.8 mm nozzle (up to 0.7 mm layer height)
- 1.2 mm nozzle (up to 0.9 mm layer height)

Removable side panels

The fully enclosed housing of the Builder Extreme, in combination with the heated bed, positively influence the print quality of the finest details in your print, but makes it hard to remove the printed object. That is why the machine comes with 2 removable side panels for easy access. Not only convenient when removing the printed object, but also for maintenance.

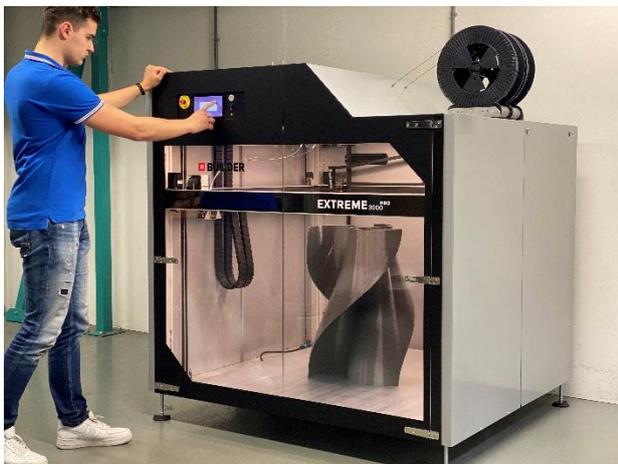


EXTREME 3000 PRO



Features that make large scale 3d printing trouble-free

The Builder Extreme comes with an integrated battery pack that saves the exact position if a power failure occurs. When the power comes back on, the machine can resume where it stopped printing. The filament detection is used to empty the spool completely and refill when needed.



Effortless operation – 7-inch touch screen

The large responsive touch screen makes operating the machine easy and effortless. The touch screen allows you to have full adjustment control over the 3D printed object and Builder Extreme. From print speed, temperature to changing filaments – it can all be changed/optimised during printing. Lock the screen with your personal 4 digit code for security.

Specs Extreme 3000 PRO

Key facts	Print volume	1100x1100x820 mm (XYZ)
	Print speed	Up to 300 mm/s (depending on geometry and nozzle size)
	Layer height resolution	Up to 0.9 mm
	Features	Filament detection Battery pack (restore after power failure) Easy to swap nozzles BOFA air filter system (optional)

General Specifications	Outer dimensions	151x138x160 cm
	Shipping dimensions	155x165x165 cm
	Weight	275 kg
	Power rating	1800 W (at peak)

Printing Process	Technology	Fused Deposition Modelling (FDM)
	Print head	Dual or Mono
	Print speed	Up to 300 mm/s (depending on geometry and nozzle size)
	Travel speed	Up to 500 mm/s
	Build plate	Aluminium
	Heated bed	Up to 60 degrees
	Bed levelling	Automatic
	Feeder type	Direct drive
Nozzle diameter	0.4, 0.8 and 1.2 mm	

Control	Connectivity	Wi-Fi, USB, Ethernet
	Display	7-inch full colour touch screen
	On-board camera	Snapshots on desktop or mobile device
	Supplied software	Simplify3D

Filaments	Filament diameter	1.75 mm
	Materials	PLA, PET, PVA, PRO1 (replacement ABS), Flexible filament

All specifications might be subjected to changes

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